by Schneider Electric

INSTALLATION

Endura® VCD5202 Series Video Console Display

C3696M-A (6/10)

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Important Notices

LEGAL NOTICE

SOME PELCO EQUIPMENT CONTAINS, AND THE SOFTWARE ENABLES, AUDIO/VISUAL AND RECORDING CAPABILITIES, THE IMPROPER USE OF WHICH MAY SUBJECT YOU TO CIVIL AND CRIMINAL PENALTIES. APPLICABLE LAWS REGARDING THE USE OF SUCH CAPABILITIES VARY BETWEEN JURISDICTIONS AND MAY REQUIRE, AMONG OTHER THINGS, EXPRESS WRITTEN CONSENT FROM RECORDED SUBJECTS. YOU ARE SOLELY RESPONSIBLE FOR INSURING STRICT COMPLIANCE WITH SUCH LAWS AND FOR STRICT ADHERENCE TO ANY/ALL RIGHTS OF PRIVACY AND PERSONALTY. USE OF THIS EQUIPMENT AND/OR SOFTWARE FOR ILLEGAL SURVEILLANCE OR MONITORING SHALL BE DEEMED UNAUTHORIZED USE IN VIOLATION OF THE END USER SOFTWARE AGREEMENT AND RESULT IN THE IMMEDIATE TERMINATION OF YOUR LICENSE RIGHTS THEREUNDER.

REGULATORY NOTICE

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RADIO AND TELEVISION INTERFERENCE

This equipment has been tested and found to comply with the limits of a Class A digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Changes and Modifications not expressly approved by the manufacturer or registrant of this equipment can void your authority to operate this equipment under Federal Communications Commission's rules.

This Class A digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

VIDEO QUALITY CAUTION

FRAME RATE NOTICE REGARDING USER-SELECTED OPTIONS

Pelco systems are capable of providing high quality video for both live viewing and playback. However, the systems can be used in lower quality modes, which can degrade picture quality, to allow for a slower rate of data transfer and to reduce the amount of video data stored. The picture quality can be degraded by either lowering the resolution, reducing the picture rate, or both. A picture degraded by having a reduced resolution may result in an image that is less clear or even indiscernible. A picture degraded by reducing the picture rate has fewer frames per second, which can result in images that appear to jump or move more quickly than normal during playback. Lower frame rates may result in a key event not being recorded by the system.

Judgment as to the suitability of the products for user's purposes is solely the user's responsibility. Users shall determine the suitability of the products for their own intended application, picture rate and picture quality. In the event user intends to use the video for evidentiary purposes in a judicial proceeding or otherwise, user should consult with its attorney regarding any particular requirements for such use.

Description

The VCD5202 video console display (VCD) delivers virtual matrix functionality for surveillance operators. The VCD5202 uniquely addresses the requirements of real-time surveillance installations while balancing the complexity introduced by today's IP and megapixel cameras. Each VCD5202 decodes up to 32 streams, manages elaborate video walls, and provides for CCTV-style keyboard control and management functionality.

Each VCD5202 is capable of simultaneously decoding sixteen MPEG-4 streams at 4CIF resolution and 30/25 images per second (ips), twelve H.264 baseline streams at 4CIF resolution and 30/25 ips, or two full 1080p streams in real time. When additional streams are displayed, the VCD5202 uses the patent-pending EnduraView™ technology to automatically seek out and display a lower resolution, second stream from the camera. The technology can also reduce the refresh rate to minimize the impact on processing requirements and network overhead. Standard resolution and megapixel video streams can be displayed in single, 2 x 2, 3 x 3, 4 x 4, 1 + 5, 1 + 12, and 2 + 8 configurations on 4:3 aspect ratio monitors. For 16:9 aspect ratio monitors, 3 x 2 and 4 x 3 configurations are also available. Any combination of live and playback streams can be displayed simultaneously, including both live and playback streams from the same camera.

Each VCD5202 drives two high definition monitors (monitor resolutions up to 2560 x 1600) through DVI-I connections. The VCD5202 can also manage a video wall of monitors attached to network decoders or Microsoft® Windows® workstations, or to a combination of the decoders and the workstations.

The VCD5202 incorporates a heads-up display designed to provide efficient control while allowing operators to remain focused on the video being observed. Working in conjunction with the optional KBD5000, the icon-based menu structure is blended across the primary monitor's display. Shortcut keys on the KBD5000 allow operators to quickly access critical functionality without having to look away from their monitors.

When exporting video, the VCD5202 provides a built-in DVD burner and the option of exporting video on a user-supplied USB memory key. Audio monitoring is enabled through a built-in speaker in the KBD5000.

Product Overview

REAR PANEL

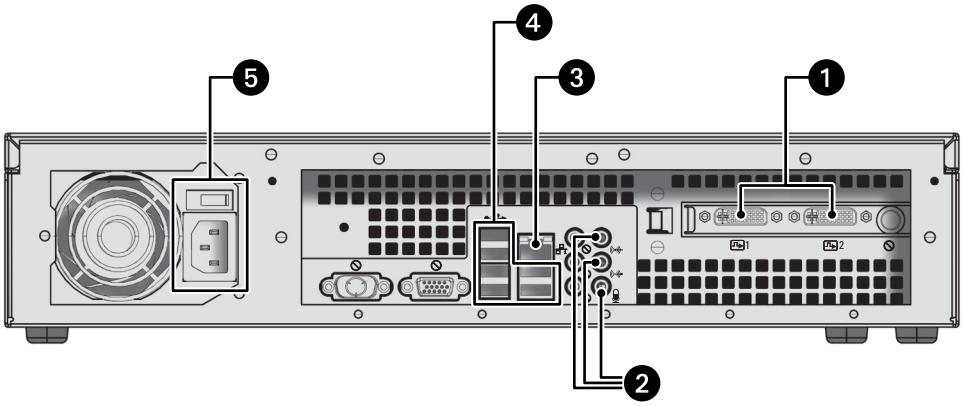

Figure 1. VCD5202 Rear Panel

1. Digital Video (DVI) Connectors
2. Microphone In; Audio Out; Audio In (reserved for future use)
3. Network Connector (RJ-45)
4. USB 2.0 Ports (6 ea.)
5. Power Connector with On/Off Switch

FRONT PANEL CONTROLS AND INDICATORS

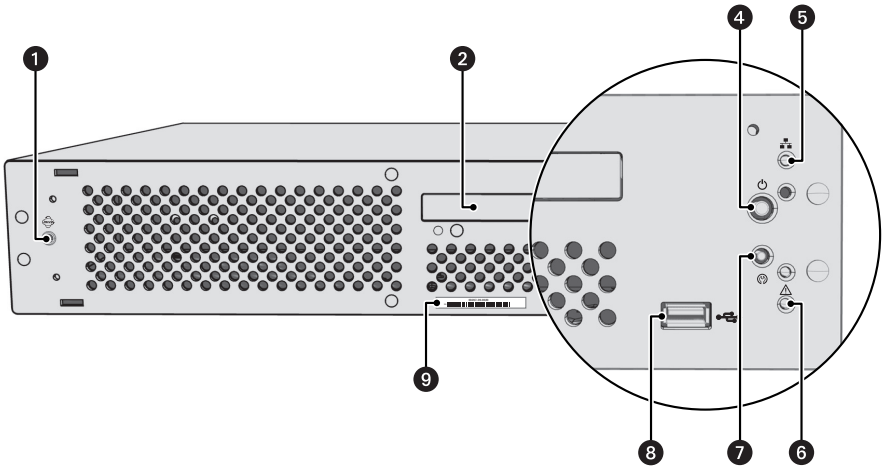

Figure 2. VCD5202 Front Panel (Bezel Open)

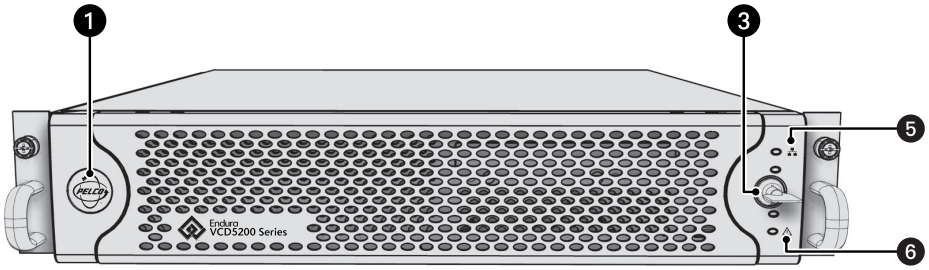

Figure 3. VCD5202 Front Panel (Bezel Closed)

1. **Pelco Badge (power indicator)**
   The Pelco badge, on the left side of the unit, glows blue when the unit has power. Behind the front bezel, the power indicator LED is white.
2. **DVD/CD Drive**
3. **Bezel Lock and Key**
   The bezel lock and key secure the unit from tampering.
4. **Power Button**
   Use the power button to turn the unit on and off (refer to *Unit Startup, Shutdown, and Log Off* on page 18).
5. **Network Activity Indicator**
   The activity indicator flashes green or red when the unit is sending or receiving network data to indicate 1000 Mbps or a slower network link, respectively.
6. **Unit Status Indicator**
   The unit status is indicated by one of the following three colors:
   - **Green:** The unit is functioning normally.
   - **Amber:** The unit is either in a configuration mode or in a potential failure condition.
   - **Red:** The unit is in an error condition.
7. **Configuration/Reset Button (reserved)**
8. **USB 2.0 Port**
   One USB 2.0 port on the front panel.
9. **Product Serial Number Label**

Before You Begin

Endura is a network system that requires a continuous amount of bandwidth to transmit true, live video. Therefore, always include your network administrator when planning and installing Endura components.

You will also need the following items:

- Access to an Endura network
  - that is an active, gigabit Ethernet network that supports the full Internet Protocol suite,
  - that is configured with at least one Endura video recorder,
  - that is configured with at least one SM5000 system manager
- One or more monitors (1280 x 1024 VGA or DVI)
- Phillips screwdriver (if mounting the unit into a rack)
- Cat5e (or better) network cable

NOTE: Refer to the software documentation for details on how to configure and operate the system. Do not install other software on this unit as video performance may suffer.

PACKAGE CONTENTS

Figure 4, Figure 5 on page 10, and Figure 6 on page 11 show the contents of the two boxes. When installing the VCD5202, refer to these diagrams.

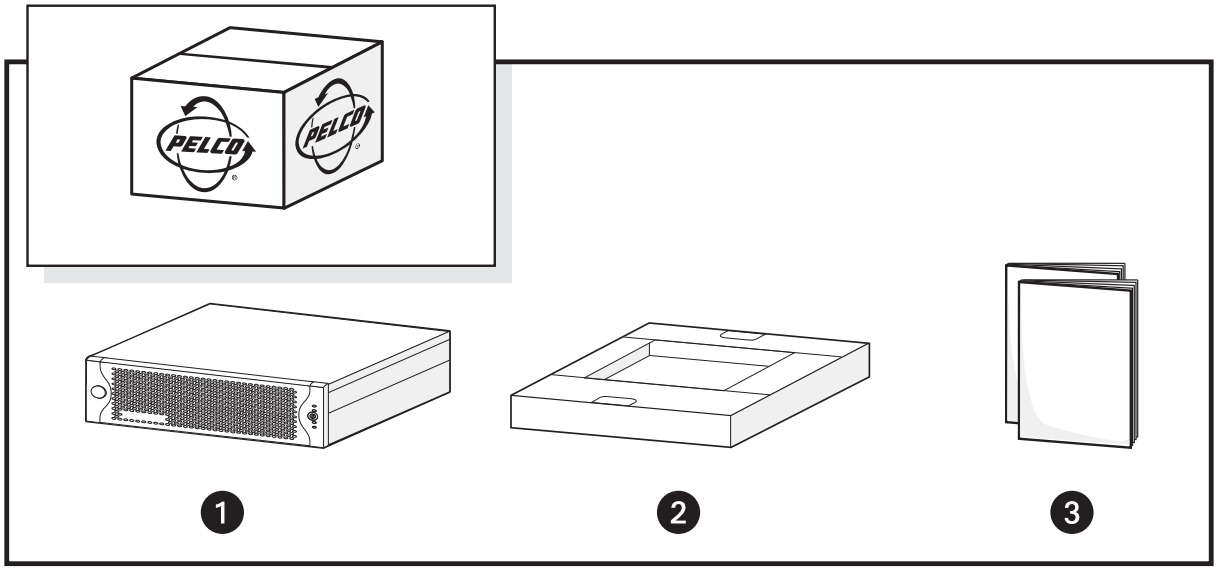

Figure 4. Major Package Components

1. VCD5202
2. Accessory Pack
3. Important Safety Instructions; Installation manual

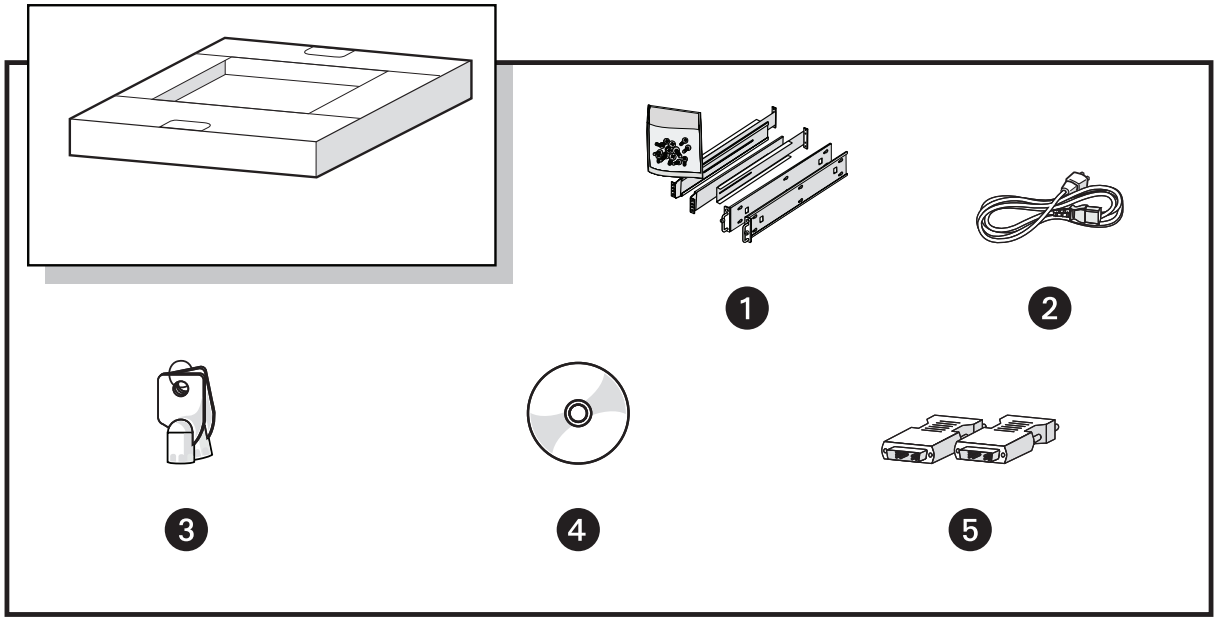

Figure 5. Accessory Pack

1. Rack Mount Kit
2. Standard Power Cord (1 ea.)
3. Bezel Key (2 ea.)
4. Resource Disc
5. DVI-to-VGA Connector (2 ea.)

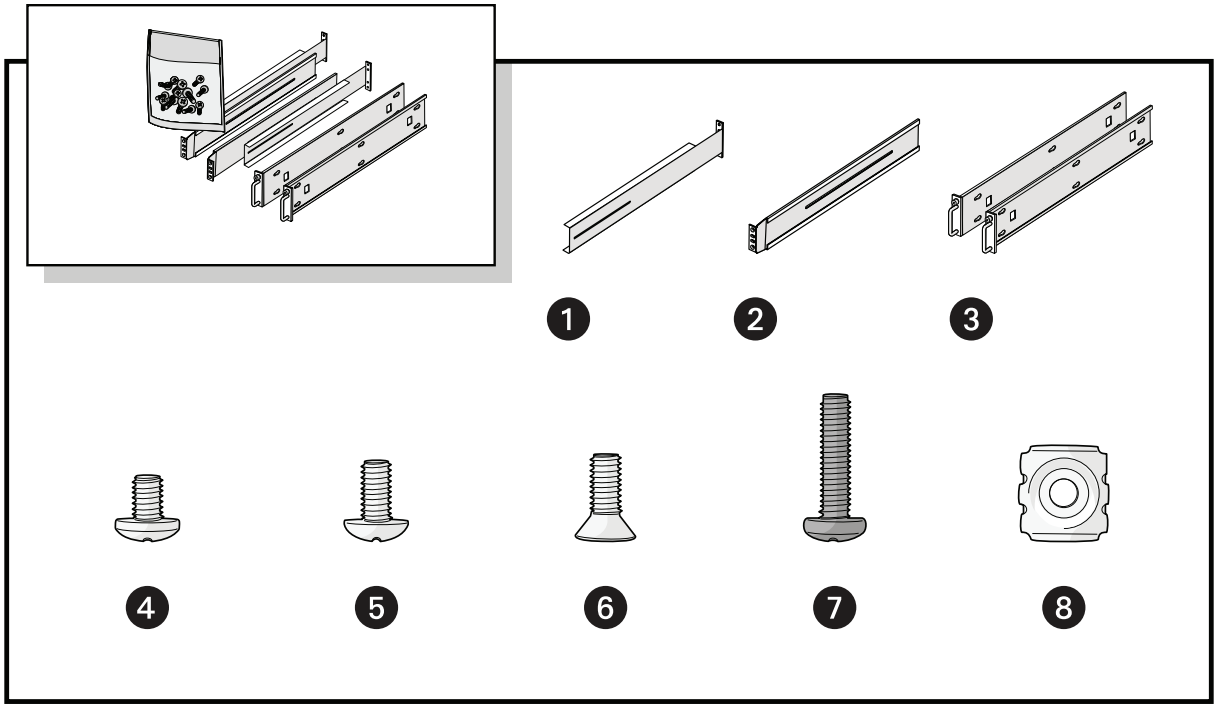

Figure 6. Rack Mount Kit

1. Rear Mount Rail (2 ea.)
2. Front Mount Rail (2 ea.)
3. Chassis Mounting Brackets
4. Phillips Pan Head Screw, 10-32 X 0.25-Inch (8 ea.)
5. Phillips Truss Head Screw, 8-32 X 0.375-Inch (6 ea.)
6. Phillips Flat Head Screw, 10-32 X 0.5-Inch (4 ea.)
7. Phillips Pan Head Screw, 10-32 X 0.75-Inch (4 ea.)
8. Cage Nut, 10-32 (10 ea.)

PRODUCT SERIAL NUMBER LABEL PLACEMENT

Product serial number labels help Pelco Product Support identify your system and its factory configuration if your VCD5202 or its components require service.

Three labels citing your product's serial number are attached to the VCD5202. One label is attached to the bottom of the VCD5202. A second label is attached to the front panel of the unit, behind the bezel.

Because rack mounting and other installation options may obscure the factory-applied labels, a third label is provided for you to attach to your product documentation or another product location that will not be obscured by installation.

To use this label:

1. Locate the small label attached to the outside of the front bezel with a yellow sticker that reads "Extra serial number label: remove prior to installation."
2. Remove the yellow sticker.
3. Peel away the backing of the small white label and attach it to this Installation manual, other product documentation, or an unobscured product location.

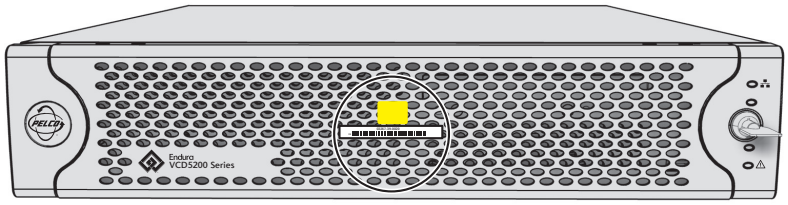

Figure 7. Extra Product Serial Number Label

Installation

MOUNTING

DESKTOP MOUNTING

⚠ **WARNING:** Do not place the VCD5202 on its side; in this position, the unit is likely to fall over and may cause equipment damage or personal injury.

To mount the VCD5202 on a desktop:

1. Make sure the rubber feet are installed to prevent surface damage. If not, secure each rubber foot to the bottom panel of the unit (refer to Figure 8). Use the four 8-32 x 0.375-inch Phillips pan head screws (supplied).
2. Optional: Remove the two chassis brackets (if attached) from the sides of the unit. Use a Phillips screwdriver to remove the eight 10-32 x 0.25-inch Phillips pan head screws (supplied, four per bracket). Save the brackets and screws for possible future use.
3. Position the unit to allow for cable and power cord clearance at the rear of the unit. Make sure that the air flow around the unit is not obstructed.

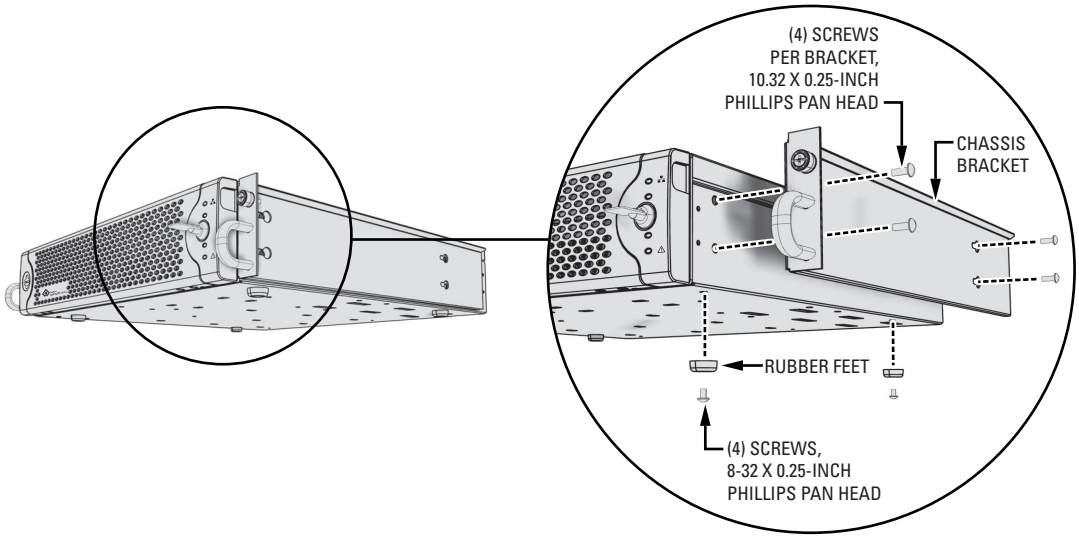

Figure 8. Chassis Brackets and Rubber Feet

RACK MOUNTING

The VCD5202 mounts into an industry-standard 19-inch (48 cm) equipment rack. The VCD5202 occupies two rack units (3.5 inches or 8.9 cm) of vertical rack space. The hardware necessary to mount the VCD5202 into a rack is supplied with the unit.

The rack must meet the following requirements:

- **Rack standard:** 19-inch EIA-310-D compliant (rear column required).
- **Rack column depth:** 20 to 30 inches (50.8 to 76.2 cm).
- **Column mounting hole provisions:** 10-32 UNF-2B threaded holes or square window holes on front and rear columns.
- **Door systems (optional):** Front doors must have at least 2 inches (5.1 cm) between the VCD5202 bezel and the inside of the door. Rear doors may be used only on rack columns that are more than 26 inches (66.0 cm) deep.

⚠ **WARNING:** Slots and openings in the cabinet provide ventilation to prevent the unit from overheating. Do not block these openings. Never place the unit near or over a radiator or heat register. When placing the unit in a built-in installation, such as a rack, be sure to provide proper ventilation.

NOTE: Figure 6 on page 11 identifies each piece of hardware for this procedure.

To install the VCD5202 in a rack:

1. *If chassis mounting brackets are not attached:* Attach one mounting bracket (supplied) to each side of the VCD5202. Use four 10-32 x 0.25-inch Phillips pan head screws (supplied) for each bracket. Attach the brackets so that the tapered ends are positioned toward the rear of the VCD5202 (refer to Figure 8 on page 13).
2. Remove the four rubber feet from the underside of the unit if they are attached. Save the rubber feet and screws for possible future use.
3. Attach one front-mount rail (supplied) to one rear-mount rail (supplied). Make sure the rails are mounted back to back, as shown in Figure 9. Use three 8-32 x 0.375-inch Phillips truss head screws (supplied) in any of the available holes. Leave the screws loose until step 8.

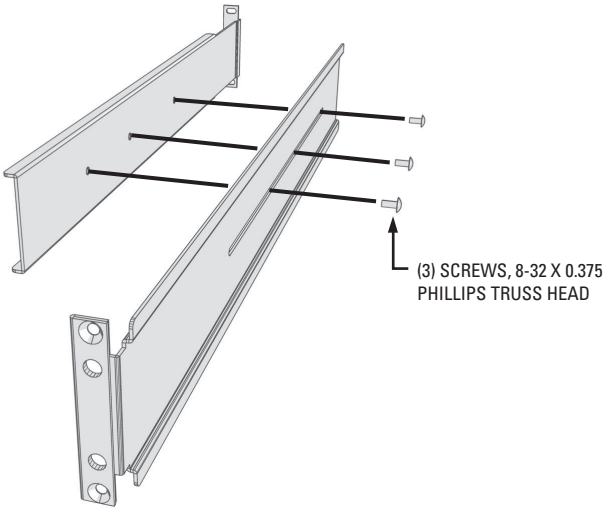

Figure 9. Assembling a Support Rail

4. Repeat step 3 for the other rail set.
5. *If installing the unit into a square-hole rack:* Insert 10 cage nuts (supplied) into the square-hole rack as shown in Figure 10.

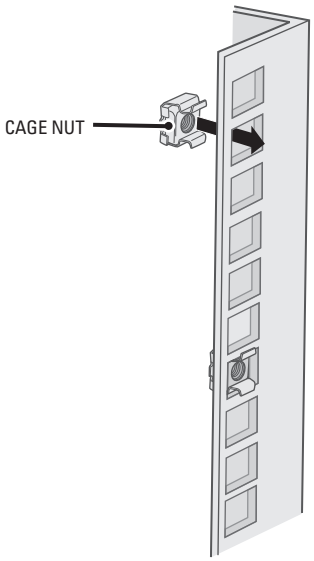

Figure 10. Inserting the Cage Nuts

6. Attach one support rail assembly (supplied) to the equipment rack in the desired location (refer to Figure 11).

   NOTE: The support rail assemblies are identical and may be used on either the right or left side of the rack.

   a. Position the ear of the front-mount rail against the front of the equipment rack. Align the top and bottom holes in the ear of the rail with the threaded holes (or cage nuts) in the rack.

   b. Using two 10-32 x 0.5-inch Phillips flat head screws (supplied), attach the ear of the rail to the front of the rack. Insert the screws from the outside of the rack, pointing rearward.

   c. Adjust the rails to the correct depth of the equipment rack by sliding the rear-mount rail to the back of the equipment rack.

   d. Position the ear of the rear-mount rail against the rear exterior of the equipment rack. Align the top and bottom holes in the ear of the rail section with the threaded holes (or cage nuts) in the equipment rack.

   e. Using two 10-32 x 0.75-inch Phillips pan head screws (supplied), attach the ear of the rail to the rear of the rack. Insert the screws from the outside of the rack, pointing forward.

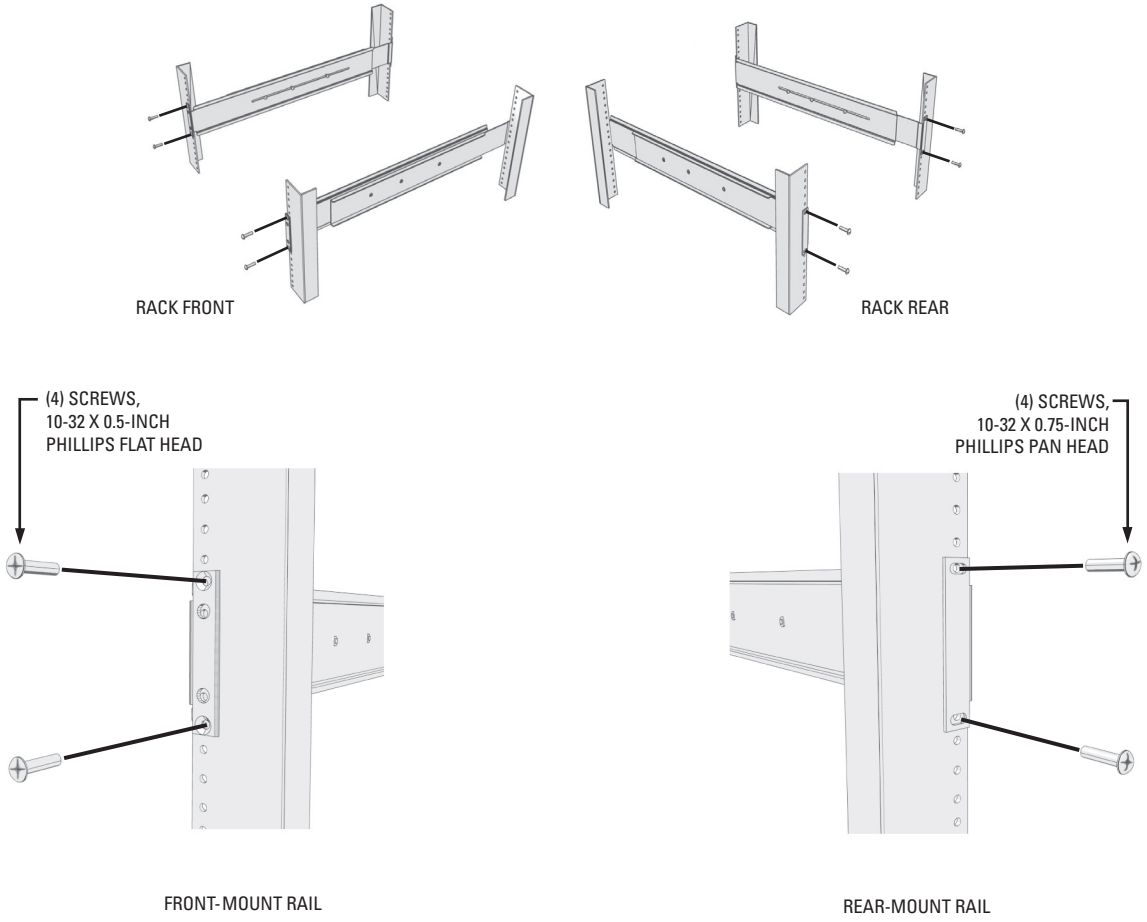

Figure 11. Attaching the Support Rails

7. Repeat step 6 for the second support rail assembly.

8. Tighten the 8-32 x 0.375-inch Phillips truss head screws that were attached to the front- and rear-mount rails in step 3.

9. Place the unit onto the mount rails by sliding the chassis brackets onto the rails (refer to Figure 12). This step may require two people to lift and slide the unit into place. The unit should slide in and out of the rack easily.

⚠ **WARNING:** When sliding out the VCD5202, be careful not to let the unit fall out of the rack.

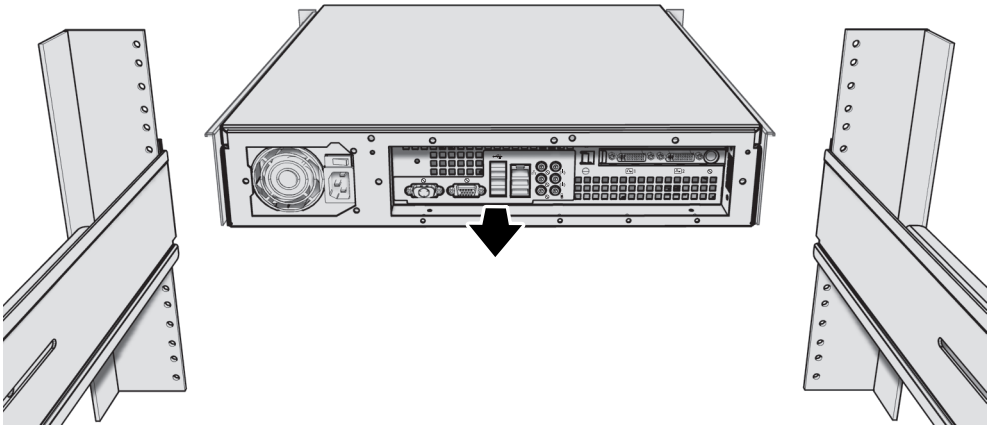

Figure 12. Mounting the VCD5202 into the Rack

10. After the unit is in place, tighten the two thumbscrews to secure the unit to the rack.

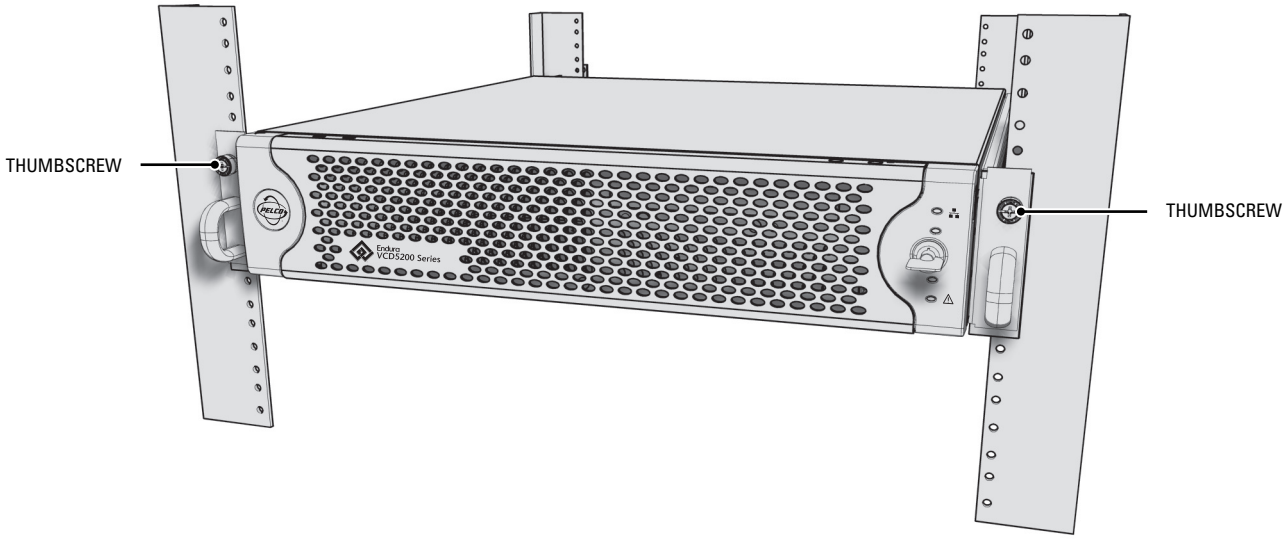

Figure 13. Tightening the Thumbscrews

HARDWARE CONNECTIONS

1. Connect video output.

   The VCD5202 can support two video outputs to a digital video interface (DVI) output. Connect a DVI cable from the DVI output to the digital monitor's input connector. To connect a VGA monitor to this output, use a DVI-to-VGA adapter plug (supplied).

2. Connect a 1000Base-T Cat5e (or better) cable to the network connector on the rear panel and to the network switch.

3. Use the USB 2.0 ports (front or rear of the unit) to connect a KBD5000 keyboard (sold separately). USB cables connecting the KBD5000 to the VCD5202 may be no more than16.4 ft (5 m) long. Use USB 2.0-compatible extenders for longer distances. All audio in and out are connected to the KBD5000.

4. Connect one end of the power cord (supplied) to the rear of the unit, connect the other end to a power source, and then turn on the power switch. The VCD5202 uses a 100 to 240 VAC power supply.

⚠ **WARNING:** Turning off the power switch shuts down the unit. Do not turn off the power in this manner unless the unit does not shut down properly through the Linux® operating system. Turning off the unit in this manner can result in unexpected data loss in the software.

5. Turn on the unit (refer to *Startup* on page 18).

6. Close and lock the bezel.

Unit Startup, Shutdown, and Log Off

STARTUP

1. Unlock and open the bezel.
2. Quickly press and release the power button. The power indicator glows white.
3. Close and lock the bezel. The Pelco badge glows blue and the login screen appears; the unit status indicator glows solid green after the unit starts; and the network status indicator flashes green or red to show network activity. Refer to *Front Panel Controls and Indicators* on page 8.
4. Enter a user ID and password using the KBD5000 keypad to log into the system (refer to the VCD5202 Operation manual).

SHUTDOWN

The following three options can be used to shut down the VCD5202. For security purposes, only a user with administrative-level permissions can shut down the unit.

⚠ **WARNING:** Do not shut down the VCD5202 by performing a hard shutdown, unless necessary. Doing so can cause data loss or may corrupt the database.

MENU SHUTDOWN

1. From the Login screen, select a user ID with administrative-level permissions, and then enter the appropriate password.

   NOTE: If you are already logged on, use the on-screen menus to log off, and then follow the steps below.
2. Select Shut Down, or move the joystick until Shut Down is selected, and then press the joystick trigger. The VCD5202 saves all configuration information and shuts down.

ORDERLY SHUTDOWN

1. Unlock and open the bezel.
2. Quickly press and release the power button. The system safely closes all running processes, and then the unit shuts down.
3. Close and lock the bezel.

HARD SHUTDOWN (NOT RECOMMENDED)

1. Unlock and open the bezel.
2. Press and hold the power button until the unit shuts down.
3. Close and lock the bezel.

LOG OFF

You can log off from the system without shutting down the unit.

NOTE: With automatic login disabled, the Login dialog box remains on the screen. You or another operator can log back on to the system.

From the Main menu, select Logout. The system closes your work session and the Login dialog box appears.

Troubleshooting

Consult the software configuration manual for detailed information on setting up devices that are attached to the Endura system. The following table provides suggestions to common issues related to the VCD5202. If these instructions fail to solve your problem, contact Pelco Product Support at 1-800-289-9100 (USA and Canada) or +1-559-292-1981 (international) for assistance.

Note the following information before calling Pelco:

- **Unit serial number:** Located on the product label on the front panel of the unit.
- **Unit software version:** Located in the Advanced Properties in the unit's system configuration software.

NOTE: Do not try to repair the unit yourself. Opening the unit immediately voids any warranty. Leave maintenance and repairs to qualified technical personnel. Exchange the defective unit and return it for repair.

Table A. Troubleshooting the VCD5202

Problem	Possible Causes	Suggested Solution
Front panel indicators not lit.	Power turned off.	Check the power supply. Turn on the power switch.
Network connection problem.	Faulty network connections.	Visually inspect all network cables and connectors at the unit and the network switch. Check the indicators on the network switch.
	Other network connectivity issues.	Contact your network administrator or Endura-certified technician.

Specifications

SYSTEM

Processor	Intel® Core™2 Quad Q9400
Internal Memory	4 GB RAM
Operating System	Linux
User Interface	Icon-based, heads-up display
Video System	2, DVI-I video outputs

VIDEO

Video Standards	XVGA (2560 X 1600) 60 Hz capability for NTSC 75 Hz capability for PAL
Video Coding	MPEG-4, H.264 baseline, main, and high profile
Video Outputs	2 DVI or VGA outputs (2 DVI-to-VGA adapters supplied)

AUDIO

Audio Decoding	G.711 speech codec
Audio Bit Rate	64 kbps
Audio Inputs	Microphone and line in through KBD5000
Audio Outputs	Speaker or line out through KBD5000

PTZ CONTROL

PTZ Interface	Through KBD5000

NETWORK

Interface	Gigabit Ethernet RJ-45 port (1000Base-T)

AUXILIARY INTERFACES

USB Ports	7 USB 2.0 ports (1 front, 6 rear)

FRONT PANEL FUNCTIONS/INDICATORS

DVD±RW/CD-RW Drive	
CD Read/Write Speed	24X
CD Rewrite Speed	24X
DVD Read/Write Speed	8X
DVD Dual Layer Read/Write Speed	8X/6X
Buttons	Power, configuration/reset
Indicators	
Power	Blue for power
Network Activity	Green or red for activity
Unit Status	Green, yellow, red

POWER

Power Input	100 to 240 VAC, 50/60 Hz, autoranging
Power Supply	Internal
Power Consumption	Operating Maximum
100 VAC	160 W, 1.60 A, 547 BTU/H
115 VAC	160 W, 1.39 A, 547 BTU/H
220 VAC	160 W, 0.72 A, 547 BTU/H
Power Cord	1, USA standard (117 VAC, 3 prongs, molded connector, 6 ft or 1.8 m); 1, European standard (220 VAC, 3 prongs, molded connector, 6 ft or 1.8 m); 1, United Kingdom standard (250 VAC, 3 prongs, molded connector, 6 ft or 1.8 m); 1, Australian standard (250 VAC, 3 prongs, molded connector, 6 ft or 1.8 m); or 1, Argentinian standard (250 VAC, 3 prongs, molded connector, 6 ft or 1.8 m) **NOTE:** Units shipped to China do not include a power cord.

ENVIRONMENTAL

Operating Temperature	50° to 95°F (10° to 35°C) at unit air intake (front of unit)
Storage Temperature	-40° to 149°F (-40° to 65°C)
Operating Humidity	20% to 80%, noncondensing
Maximum Humidity Gradient	10% per hour
Operating Altitude	-50 to 10,000 ft (-15 to 3,048 m)
Operating Vibration	0.25 G at 3 Hz to 200 HZ at a sweep rate of 0.5 octave/min.

PHYSICAL

Construction	Steel cabinet
Finish	
Front panel	Gray metallic with black end caps
Chassis	Black matte finish
Dimensions	17.0" D x 17.1" W x 3.5" H (43.2 x 43.4 x 8.9 cm)
Mounting	Desktop (feet) or rack (2 RU per unit)
Unit Weight	28.8 lb (13.06 kg)

STANDARDS/ORGANIZATIONS

- Pelco is a member of the MPEG-4 Industry Forum
- Pelco is a member of the Universal Plug and Play (UPnP) Forum, Steering Committee
- Pelco is a member of the Universal Serial Bus (USB) Implementers Forum
- Pelco is a contributor to the International Standards for Organization / Electrotechnical Commission (ISO/IEC) Joint Technical Committee 1 (JTC1), "Information Technology," Subcommittee 29, Working Group 11
- Compliance, ISO/IEC 14496 standard (also known as MPEG-4)
- Compliance, International Telecommunication Union (ITU) Recommendation G.711, "Pulse Code Modulation (PCM) of Voice Frequencies"

PRODUCT WARRANTY AND RETURN INFORMATION

WARRANTY

Pelco will repair or replace, without charge, any merchandise proved defective in material or workmanship **for a period of one year** after the date of shipment.

Exceptions to this warranty are as noted below:

- Five years:
  - Fiber optic products
  - Unshielded Twisted Pair (UTP) transmission products
  - CC3701H-2, CC3701H-2X, CC3751H-2, CC3651H-2X, MC3651H-2, and MC3651H-2X camera models
- Three years:
  - Pelco-designed fixed network cameras and network dome cameras with Sarix™ technology.
  - Pelco-branded fixed camera models (CCC1390H Series, C10DN Series, C10CH Series, and IP3701H Series)
  - EH1500 Series enclosures
  - Spectra® IV products (including Spectra IV IP)
  - Camclosure® Series (IS, ICS, IP) integrated camera systems
  - DX Series digital video recorders (except DX9000 Series which is covered for a period of one year), DVR5100 Series digital video recorders, Digital Sentry® Series hardware products, DVX Series digital video recorders, and NVR300 Series network video recorders
  - Endura® Series distributed network-based video products
  - Genex® Series products (multiplexers, server, and keyboard)
  - PMCL200/300/400 Series LCD monitors
  - PMCL5xx Series FHD monitors
- Two years:
  - Standard varifocal, fixed focal, and motorized zoom lenses
  - DF5/DF8 Series fixed dome products
  - Legacy® Series integrated positioning systems
  - Spectra III™, Spectra Mini, Spectra Mini IP, Esprit®, ExSite®, and PS20 scanners, including when used in continuous motion applications.
  - Esprit Ti and TI2500 Series thermal imaging products
  - Esprit and WW5700 Series window wiper (excluding wiper blades).
  - CM6700/CM6800/CM9700 Series matrix
  - Digital Light Processing (DLP®) displays (except lamp and color wheel). The lamp and color wheel will be covered for a period of 90 days. The air filter is not covered under warranty.
  - Intelli-M® eIDC controllers
- One year:
  - Video cassette recorders (VCRs), except video heads. Video heads will be covered for a period of six months.
- Six months:
  - All pan and tilts, scanners, or preset lenses used in continuous motion applications (preset scan, tour, and auto scan modes).

Pelco will warrant all replacement parts and repairs for 90 days from the date of Pelco shipment. All goods requiring warranty repair shall be sent freight prepaid to a Pelco designated location. Repairs made necessary by reason of misuse, alteration, normal wear, or accident are not covered under this warranty.

Pelco assumes no risk and shall be subject to no liability for damages or loss resulting from the specific use or application made of the Products. Pelco's liability for any claim, whether based on breach of contract, negligence, infringement of any rights of any party or product liability, relating to the Products shall not exceed the price paid by the Dealer to Pelco for such Products. In no event will Pelco be liable for any special, incidental, or consequential damages (including loss of use, loss of profit, and claims of third parties) however caused, whether by the negligence of Pelco or otherwise.

The above warranty provides the Dealer with specific legal rights. The Dealer may also have additional rights, which are subject to variation from state to state.

If a warranty repair is required, the Dealer must contact Pelco at (800) 289-9100 or (559) 292-1981 to obtain a Repair Authorization number (RA), and provide the following information:

1. Model and serial number
2. Date of shipment, P.O. number, sales order number, or Pelco invoice number
3. Details of the defect or problem

If there is a dispute regarding the warranty of a product that does not fall under the warranty conditions stated above, please include a written explanation with the product when returned.

Method of return shipment shall be the same or equal to the method by which the item was received by Pelco.

RETURNS

To expedite parts returned for repair or credit, please call Pelco at (800) 289-9100 or (559) 292-1981 to obtain an authorization number (CA number if returned for credit, and RA number if returned for repair) and designated return location.

All merchandise returned for credit may be subject to a 20 percent restocking and refurbishing charge.

Goods returned for repair or credit should be clearly identified with the assigned CA or RA number and freight should be prepaid.

2-10-10

Green The materials used in the manufacture of this document and its components are compliant to the requirements of Directive 2002/95/EC.

This equipment contains electrical or electronic components that must be recycled properly to comply with Directive 2002/96/EC of the European Union regarding the disposal of waste electrical and electronic equipment (WEEE). Contact your local dealer for procedures for recycling this equipment.

REVISION HISTORY

Manual #	Date	Comments
C3696M	8/09	Original version.
C3696M-A	6/10	Modified power consumption values in the specifications section.

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